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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

ZHEN, LI B

ART UNIT

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/058,173	<b>Applicant(s)</b> STEFANIK ET AL.	
	<b>Examiner</b> LI B. ZHEN	<b>Art Unit</b> 2194	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 09 March 2009.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 46-49,51,54-58,61,70-73 and 76-78 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 46-49,51,54-58,61,70-73 and 76-78 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

1. Claims 46-49, 51, 54-58, 61, 70-73 and 76-78 are pending in the application.

#### ***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 3/9/2009 has been entered.

#### ***Response to Arguments***

3. Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

#### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein

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were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

**6. Claims 46-49, 51, 54-58, 61, 70-73 and 76-78 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Application Publication No. 20030078036 to Chang et al. [hereinafter Chang] in view of U.S. Patent No. 6,832,242 to Keskar et al. [hereinafter Keskar, previously cited].**

7. As to claim 46, Chang teaches a method of distributing software [paragraph 0009] between portable computer systems [a master device and a remote wireless device; paragraphs 0009 and 0019], the method comprising:

demarking files on a first portable computer system by a first user [user setting that the database 12 of the remote wireless device 200 needs to be transferred; paragraphs 0075 and 0020], the demarking indicating that the demarked files are available for downloading by a second portable computer system by a second user [paragraph 0059];

automatically transferring the demarked files, from the first portable computer system to the second portable computer system [driver and the application programs stored in the remote wireless device 200 can be automatically transmitted to the master device 100; paragraph 0047] when the first portable computer system and the second

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portable computer system are within a communication range according to a communication protocol [automatic detection of wireless communication protocols; paragraphs 0089 and 0031].

Although Chang teaches transferring metadata about the content between two portable computers [paragraphs 0009 and 0019], Chang does not specifically teach the metadata including summary information with respect to the demarked files, the summary information consisting of descriptive information associated with the demarked files, the descriptive information being devoid of the demarked files.

However, Keskar teaches sharing items between handheld devices [col. 3, line 63 – col. 4, line 17], the sharable items including game applications, system applications and utility applications [col. 1, lines 30 – 43], demarking files on a first portable computer system by a first user [block P710, the sender, or the person wishing to share a relevant item(s), uses the HSA UI to initiate the sending of the relevant item(s); col. 13, lines 20 – 55], the demarking indicating that the demarked files are available for downloading by a second portable computer system by a second user [block P720, the sender's HSA beams the intent to share the relevant item along with the sender's user identification information; col. 13, lines 20 – 55], automatically transferring the summary information, from the first portable computer system to the second portable computer system [block P720, Fig. 7; col. 13, lines 20 – 55] the summary information consisting of descriptive information associated with the demarked files, the descriptive information being devoid of the demarked files [sharable note may, for example, include information pertaining to the descriptions and locations of the sharable item; col. 13, line 55 – col. 14, line 13];

displaying at least a portion of the transferred summary information at the second portable computer system [recipient is prompted for guidance; col. 13, lines 50 – 55];

selecting, via a user interface [user interface 220; col. 4, lines 57 – 67], at least a subset of the demarked tiles from the displayed portion of the transferred summary information at the second portable computer system [allowing the recipient to have the option to manually reject the item or accept the item; col. 13, lines 50 – 55];

receiving, at the second portable computer system, a download of the selected ones of the demarked files from the first portable computer system in response to the selecting via the user interface at the second portable computer system [col. 13, lines 50 – 55]; and

wherein at least some of the selected ones of the demarked files are executable files to be executed at the second portable computer system [col. 1, lines 30 – 43].

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the invention of Chang to include the features of Keskar.

One of ordinary skill in the art would have been motivated to make the combination because this gives the recipient an opportunity to determine whether they want to accept the sharable item prior to the transferring of the shareable item. This reduces the amount of data transferred if the recipient refuses the sharable item.

8. As to claim 55, Chang as modified teaches a portable computer system [paragraphs 0009 and 0019 of Chang] comprising:

a bus [col. 2, lines 57 – 67 of Keskar];

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a processor coupled to the bus [col. 2, lines 57 – 67 of Keskar];

a wireless transceiver coupled to the bus for transferring information to other computer systems [paragraph 0019 of Chang]; and

a memory coupled to the bus [paragraph 0020 of Chang], wherein the handheld computer system [paragraphs 0019 and 0020 of Chang] is configured to:

store demarked files, the demarked files being demarked by a first user [paragraphs 0075 and 0020 of Chang] and being available for downloading to a second portable computer system by a second user [col. 13, lines 20 – 55 of Keskar], and

automatically transfer [paragraph 0047 of Chang], to the second portable computer system, summary information with respect to the demarked files [col. 13, line 55 – col. 14, line 13 of Keskar] when the second portable computer system is within a communication range [paragraphs 0089 and 0031 of Chang] of the portable computer system according to a communication protocol [col. 12, lines 6 – 25 of Keskar], said summary information consisting of descriptive information associated with said demarked files the descriptive information being devoid of the demarked files [col. 13, line 55 – col. 14, line 13 of Keskar];

wherein at least one of the handheld computer system and a third computer system is configured to download selected ones of the demarked files to the second portable computer system in response to receiving a download request from the second portable computer system [paragraphs 0089 and 0031 of Chang and col. 13, lines 40 – 55 of Keskar]; and

wherein at least some of the selected ones of the demarked files are executable files to be executed at the second portable computer system [paragraph 0047 of Chang and col. 1, lines 30 – 43 of Keskar].

9. As to claim 70, Chang as modified teaches a portable computer system [paragraphs 0009 and 0019 of Chang] comprising:

means for storing demarked files, the demarked files being demarked by a first user [paragraphs 0075 and 0020 of Chang] and being available for downloading [col. 13, lines 20 – 55 of Keskar] to a second portable computer system by a second user [paragraphs 0019 and 0020 of Chang], and means for automatically transferring [paragraph 0047 of Chang], to the second portable computer system, summary information with respect to the demarked files [col. 13, line 55 – col. 14, line 13 of Keskar] when the second portable computer system is within a communication range of the portable computer system according to a communication protocol [col. 12, lines 6 – 25 of Keskar], said summary information consisting of descriptive information associated with said demarked files, the descriptive information being devoid of the demarked files [col. 13, line 55 – col. 14, line 13 of Keskar];

means for downloading selected ones of the demarked files to the second portable computer system in response to receiving a download request from the second portable computer system [paragraphs 0089 and 0031 of Chang and col. 13, lines 40 – 55 of Keskar]; and



wherein at least one of the selected ones of the demarked files to be downloaded by the means for downloading selected ones of the demarked files are executable files to be executed at the second portable computer system [paragraph 0047 of Chang and col. 1, lines 30 – 43 of Keskar].

10. As to claim 77, Chang as modified teaches a method of distributing application software between computer systems [paragraphs 0009 and 0019 of Chang], the method comprising:

demarking files on a first computer system by a first user [paragraphs 0075 and 0020 of Chang], the demarking indicating that the demarked files are available for downloading [col. 13, lines 20 – 55 of Keskar] from the first computer system [paragraph 0059 of Chang]; and

automatically transferring [paragraph 0047 of Chang], from the first computer system to the second portable computer system, descriptive information associated with the demarked files, the descriptive information being devoid of the demarked files [col. 13, line 55 – col. 14, line 13 of Keskar] when the first computer system enters into communication with the second computer system [paragraphs 0089 and 0031 of Chang and col. 12, lines 6 – 25 of Keskar];

displaying at least a portion of the transferred summary information at the second portable computer system [recipient is prompted for guidance; col. 13, lines 50 – 55 of Keskar];

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selecting, via a user interface [user interface 220; col. 4, lines 57 – 67 of Keskar], at least a subset of the demarked tiles from the displayed portion of the transferred summary information at the second portable computer system [allowing the recipient to have the option to manually reject the item or accept the item; col. 13, lines 50 – 55 of Keskar];

receiving, at the second portable computer system, a download of the selected ones of the demarked files from the first portable computer system in response to the selecting via the user interface at the second portable computer system [col. 13, lines 50 – 55 of Keskar]; and

wherein at least some of the selected ones of the demarked files are executable files to be executed at the second portable computer system [col. 1, lines 30 – 43 of Keskar].

11. As to claim 47, Chang as modified teaches the communication protocol is a wireless communication protocol [col. 12, lines 5 – 25 of Keskar].

12. As to claim 48, Chang as modified teaches the wireless communication protocol includes infrared light signaling [paragraph 0019 of Chang and col. 12, lines 5 – 25 of Keskar].

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13. As to claim 49, Chang as modified teaches communications between the first portable computer system and the second portable computer system are direct [col. 12, lines 5 – 42 of Keskar].

14. As to claim 51, Chang as modified teaches the selecting via the user interface further comprises touching an area of a display screen of the second portable computer system [user interface 220; col. 4, lines 57 – 67 of Keskar].

15. As to claim 54, Chang as modified teaches the executable files include one or more application files that have limited functionality or limited time of use [col. 14, lines 13 – 52 of Keskar].

16. As to claim 56, Chang as modified teaches the communication protocol is a wireless communication protocol [col. 12, lines 5 – 25 of Keskar].

17. As to claim 57, Chang as modified teaches the wireless communication protocol includes infrared light signaling [paragraph 0019 of Chang and col. 12, lines 5 – 25 of Keskar].

18. As to claim 58, Chang as modified teaches the portable computer system is configured to communicate directly with the second portable computer system [paragraph 0019 of Chang and col. 12, lines 5 – 42 of Keskar].

19. As to claim 61, Chang as modified teaches the executable files include one or more application files that have limited functionality or limited time of use [col. 14, lines 13 – 52 of Keskar].

20. As to claim 71, Chang as modified teaches the communication protocol is a wireless communication protocol [paragraph 0019 of Chang and col. 12, lines 5 – 25 of Keskar].

21. As to claim 72, Chang as modified teaches the wireless communication protocol includes infrared light signaling [paragraph 0019 of Chang and col. 12, lines 5 – 25 of Keskar].

22. As to claim 73, Chang as modified teaches means for communicating directly with the second portable computer system [col. 12, lines 5 – 42 of Keskar].

23. As to claim 76, Chang as modified teaches executable files include one or more application files that have limited functionality or limited time of use [col. 14, lines 13 – 52 of Keskar].

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24. As to claim 78, Chang as modified teaches the first and second computer systems enter into communication automatically when they are positioned within a communication range [col. 12, lines 5 – 25 of Keskar].

### **CONTACT INFORMATION**

25. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Li B. Zhen whose telephone number is (571) 272-3768. The examiner can normally be reached on Mon - Fri, 8:30am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571)272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Li B. Zhen/  
Primary Examiner, Art Unit 2194